

Introduction to Decimal Number

 The word 'decimal' means 'based on 10'. This word has been derived from the Latin word decima meaning a **tenth part**.

The fractional numbers having denominators 10, 100, 1000, etc., are called decimal fractions or decimals.

 **Some decimal fractions are expressed as given below:**

(i) $\frac{4}{10}$ is expressed as 0.4

(ii) $\frac{2}{100}$ is expressed as 0.02

(iii) $3\frac{13}{100}$ is expressed as 3.13

 **The dot '.' is called the decimal point.**

Therefore, decimal fraction consists of two parts i.e., whole number part and decimal part, and they are separated by the decimal point.